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**FROM:** Lynn Linkowski  
Patent Agent II

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**DATE:** January 31, 2005

**PAGES:** 9 (Including facsimile cover page)

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Attorney/Agent Docket No.: D1110-4US  
Customer No. 29062

Applicant : Short, et al.

Art Unit : 1652

Serial No. : 09/880,729

Examiner : M. N. Rao

Filed : June 12, 2001

Title : Enzymes Having Carboxymethyl Cellulase Activity And Methods Of Use Thereof

**Papers attached**

- Transmittal letter (1 page)
- Revocation and New Power of Attorney (2 pages)
- Fee transmittal form (1 page + duplicate)
- Petition for Revival of an Application for Patent Abandoned Unintentionally Under 37 CFR 1.137(b) (2 pages)
- Petition for 5 month Extension of Time (1 page)

Diversa Corporation  
4955 Directors Place, San Diego, California 92121  
Tel: (858) 526-5000 / Fax: (858) 526-5050

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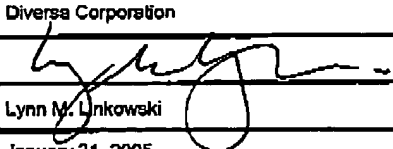
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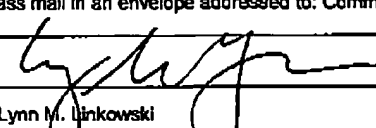
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<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/880,729
	Filing Date	June 12, 2001
	First Named Inventor	Jay SHORT
	Art Unit	1652
	Examiner Name	M. N. Rao
	Attorney Docket Number	D1110-4US
Total Number of Pages in This Submission		9

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Revival of Application - Petition Abandoned Unintentionally <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Fax cover sheet (1 page)
Remarks Customer number 29062		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Diversa Corporation		
Signature			
Printed name	Lynn M. Linkowski		
Date	January 31, 2005	Reg. No.	47,320

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Lynn M. Linkowski	Date	January 31, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Dated: 1/31/05Signature: [Signature]

(Lynn Linkowski)

Docket No.: D1110-4US  
Application No.: 09/880,729

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Jay M. SHORT et al.

Application No.: 09/880,729

Confirmation No.: 6449

Filed: June 12, 2001

Art Unit: 1652

For: Enzymes Having Carboxymethyl Cellulase  
Activity And Methods Of Use Thereof

Examiner: M. N. Rao

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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**REVOCATION AND NEW POWER OF ATTORNEY**

Dear Sir:

Under 37 CFR §3.73(b) DIVERSA CORPORATION, a Delaware corporation, certifies that it is the assignee of 100% of the right, title and interest in the patent application above by virtue of an Assignment from the inventors of the patent application identified above. The Assignment was recorded in the Patent and Trademark Office at Reel 012611/Frame 0620 on February 12, 2002.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the Assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

The undersigned, acting on behalf of the assignee, hereby revokes all powers of attorney previously granted in the application and appoints the practitioners at Customer Number 29062,

Docket No.: D1110-4US  
Application No.: 09/880,729

with full power of substitution and revocation, to prosecute the application and to transact all business in the United States Patent and Trademark Office connected therewith.


All correspondence regarding the application should be sent to:

Lynn Linkowski, Reg. No. 47,320  
Diversa Corporation  
Intellectual Property Department  
PO Box 910550  
San Diego, California 92191-0550  
(858) 526-5450

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

Date: Jan. 31, 2005

  
Carolyn Erickson  
Vice President, Intellectual Property

PTO/SB/17 (12-04/2)

Approved for use through 07/31/2006. OMB 0651-0032

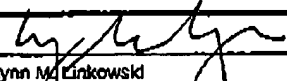
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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		<b>Complete if Known</b>		
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	09/880,729	
		Filing Date	June 12, 2001	
		First Named Inventor	Jay SHORT	
		Examiner Name	M. N. Rao	
		Art Unit	1652	
TOTAL AMOUNT OF PAYMENT	(\$)	1830.00	Attorney Docket No.	D1110-4US

<b>METHOD OF PAYMENT (check all that apply)</b>	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: <u>50-0661</u> Deposit Account Name: <u>Diversa Corporation</u>	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below	
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<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17	
<input checked="" type="checkbox"/> Credit any overpayments	
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<b>FEE CALCULATION</b>							
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>							
	<b>FILING FEES</b>		<b>SEARCH FEES</b>		<b>EXAMINATION FEES</b>		
<b>Application Type</b>	<b>Fee (\$)</b>	<b>Small Entity Fee (\$)</b>	<b>Fee (\$)</b>	<b>Small Entity Fee (\$)</b>	<b>Fee (\$)</b>	<b>Small Entity Fee (\$)</b>	<b>Fees Paid (\$)</b>
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____
<b>2. EXCESS CLAIM FEES</b>							
<b>Fee Description</b>		<b>Fee (\$)</b>		<b>Small Entity Fee (\$)</b>			
Each claim over 20 (including Reissues)		50		25			
Each independent claim over 3 (including Reissues)		200		100			
Multiple dependent claims		360		180			
<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	<b>Multiple Dependent Claims</b>			
- 20 or HP = _____	x _____	= _____		<b>Fee (\$)</b>			
HP = highest number of total claims paid for, if greater than 20.				<b>Fee Paid (\$)</b>			
<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>				
- 3 or HP = _____	x _____	= _____					
HP = highest number of independent claims paid for, if greater than 3.							
<b>3. APPLICATION SIZE FEE</b>							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>			
- 100 = _____	/ 50 = _____	(round up to a whole number) x _____	= _____				
<b>4. OTHER FEE(S)</b>							
Non-English Specification, \$130 fee (no small entity discount)				<b>Fees Paid (\$)</b>			
Other (e.g., late filing surcharge): 2255 Ext. within 5th month (\$1080); 2453 Pet. Revive Unintentional (\$750)				1830.00			

<b>SUBMITTED BY</b>		
Signature		Registration No. (Attorney/Agent) 47,320
Name (Print/Type)	Lynn M. Linkowski	Telephone 858-526-5450
		Date January 31, 2005

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		<b>Complete if Known</b> Application Number 09/880,729 Filing Date June 12, 2001 First Named Inventor Jay SHORT Examiner Name M. N. Rao Art Unit 1652 Attorney Docket No. D1110-4US	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
TOTAL AMOUNT OF PAYMENT	(\$)	1830.00	

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 50-0661 Deposit Account Name: Diversa Corporation

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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## FEE CALCULATION

### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

### 2. EXCESS CLAIM FEES

#### Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
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- 20 or HP =	x	=
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HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
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- 3 or HP =	x	=
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HP = highest number of independent claims paid for, if greater than 3.

Fee (\$)	Small Entity Fee (\$)
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50 25

200 100

360 180

Multiple Dependent Claims

Fee (\$)	Fee Paid (\$)
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### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
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- 100 =	/ 50 =	(round up to a whole number) x	=
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### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 2255 Ext. within 5th month (\$1080); 2453 Pat. Revive Unintentional (\$750)

Fees Paid (\$)

1830.00

SUBMITTED BY		
Signature	Registration No. 47,320 (Attorney/Agent)	Telephone 858-628-6450
Name (Print/Type) Lynn M. Linkowski		Date January 31, 2005

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